

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 5    | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (tunnel or "logical tunnel") and "user data" and "control packet" and (store or stored or storing or storage) and (@rld<"20010614" or @prad<"20010614") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/12 15:04 |
| L3    | 0    | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (tunnel or "logical tunnel") and (multicast or "multicast network") and (convert\$4 NEAR destination) and (@rld<"20010614" or @prad<"20010614")         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/12 15:04 |
| L4    | 0    | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (tunnel or "logical tunnel") and (multicast or "multicast network") and (converting NEAR destination) and (@rld<"20010614" or @prad<"20010614")         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/12 15:04 |
| L5    | 0    | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (tunnel or "logical tunnel") and (multicast or "multicast network") and (convert\$4 NEAR address) and (@rld<"20010614" or @prad<"20010614")             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/12 15:04 |
| L6    | 0    | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (tunnel or "logical tunnel") and (multicast or "multicast network") and (convert\$4 ADJ address) and (@rld<"20010614" or @prad<"20010614")              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/12 15:04 |
| L7    | 2    | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (multicast or "multicast network") and (convert\$4 ADJ address) and (@rld<"20010614" or @prad<"20010614")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/08/12 15:04 |

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| L8  | 11 | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (multicast or "multicast network") and (convert\$4 NEAR address) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:05 |
| L9  | 6  | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (multicast or "multicast network") and (converting NEAR destination) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:05 |
| L10 | 8  | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (multicast or "multicast network") and (convert\$4 NEAR destination) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:05 |
| L11 | 0  | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and ("data link layer" or "data link" or "layer 2") and (memory or "storage unit" or storage) and "determination unit" and "destination address" and "broadcast address" and ("Network layer" or "layer 3") and (@rlad<"20010614" or @prad<"20010614")         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:05 |
| L12 | 8  | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and ("data link layer" or "data link" or "layer 2") and (memory or "storage unit" or storage) and (tunnel or "logical tunnel") and "destination address" and "broadcast address" and ("Network layer" or "layer 3") and (@rlad<"20010614" or @prad<"20010614") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:06 |
| L13 | 0  | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and "unicast" and "relay unit" and "determination unit" and (CPU or "central processing unit" or "control processing unit") and (tunnel or "logical tunnel") and "destination address" and (@rlad<"20010614" or @prad<"20010614")                              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:06 |

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| L14 | 0     | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and "unicast" and "relay unit" and "determination unit" and (CPU or "central processing unit" or "control processing unit") and (tunnel or "logical tunnel") and (@rlad<""20010614"" or @prad<""20010614"")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/08/12 15:06 |
| L15 | 0     | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and "unicast" and "relay unit" and "determination unit" and (memory or storage or "storage control unit") and (tunnel or "logical tunnel") and (@rlad<""20010614"" or @prad<""20010614"")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/08/12 15:06 |
| L16 | 0     | (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and "address conversion unit" and "determination unit" and "forwarding unit" and "distribution unit" and (@rlad<""20010614"" or @prad<""20010614"")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/08/12 15:07 |
| L17 | 37336 | ((370/395.50) or (370/466-467) or (370/401) or (370/352) or (370/389) or (370/392) or (370/474) or (370/400) or (370/393) or (370/394) or (370/395.1) or (370/395.31) or (370/395.32) or (370/395.52) or (370/469) or (370/235) or (370/252) or (709/245) or (709/238) or (709/233) or (709/213) or (709/242) or (709/229) or (709/247) or (709/230) or (709/228) or (709/249) or (709/224) or (709/235) or (709/233) or (709/217) or (709/249) or (709/206)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:01 |
| L18 | 102   | L17 and (backbone or "backbone network") and "tunnel" and ("data link layer" or "data link" or "layer 2") and "destination address"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/08/12 15:02 |

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| L19 | 27 | L17 and (backbone or "backbone network") and "tunnel" and ("data link layer" or "data link" or "layer 2") and "destination address" and (@rlad<"20010614" or @prad<"20010614")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:02 |
| L20 | 5  | L17 and (backbone or "backbone network") and "tunnel" and ("data link layer" or "data link" or "layer 2") and "destination address" and ((add\$3 or remov\$3) NEAR header) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:02 |
| L21 | 14 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK") and "tunnel" and ("data link layer" or "data link" or "layer 2") and "destination address" and ((add\$3 or remov\$3) NEAR header) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:03 |
| L22 | 14 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK") and (tunnel or "logical tunnel") and ("data link layer" or "data link" or "layer 2") and "destination address" and ((add\$3 or remov\$3) NEAR header) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:03 |
| L23 | 8  | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK") and (tunnel or "logical tunnel") and ("data link layer" or "data link" or "layer 2") and "destination address" and ((add\$3 or remov\$3) NEAR header) and (relay or "relay destination") and (@rlad<"20010614" or @prad<"20010614")             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:03 |
| L24 | 9  | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK") and (tunnel or "logical tunnel") and ("data link layer" or "data link" or "layer 2") and "destination address" and ((add\$3 or remov\$3 or strip\$4) NEAR header) and (relay or "relay destination") and (@rlad<"20010614" or @prad<"20010614") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:03 |

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| L25 | 2 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (tunnel or "logical tunnel") and "user data" and "control packet" and (store or stored or storing or storage) and (@rlad<"20010614" or @prad<"20010614") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:04 |
| L26 | 0 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (tunnel or "logical tunnel") and (multicast or "multicast network") and (convert\$4 NEAR destination) and (@rlad<"20010614" or @prad<"20010614")         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:04 |
| L27 | 0 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (tunnel or "logical tunnel") and (multicast or "multicast network") and (converting NEAR destination) and (@rlad<"20010614" or @prad<"20010614")         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:04 |
| L28 | 0 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (tunnel or "logical tunnel") and (multicast or "multicast network") and (convert\$4 NEAR address) and (@rlad<"20010614" or @prad<"20010614")             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:04 |
| L29 | 0 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (tunnel or "logical tunnel") and (multicast or "multicast network") and (convert\$4 ADJ address) and (@rlad<"20010614" or @prad<"20010614")              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:04 |
| L30 | 1 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (multicast or "multicast network") and (convert\$4 ADJ address) and (@rlad<"20010614" or @prad<"20010614")   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:04 |

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| L31 | 4 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (multicast or "multicast network") and (converting NEAR destination) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:05 |
| L32 | 5 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (multicast or "multicast network") and (convert\$4 NEAR destination) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:05 |
| L33 | 6 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and (multicast or "multicast network") and (convert\$4 NEAR address) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:05 |
| L34 | 0 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and ("data link layer" or "data link" or "layer 2") and (memory or "storage unit" or storage) and "determination unit" and "destination address" and "broadcast address" and ("Network layer" or "layer 3") and (@rlad<"20010614" or @prad<"20010614")         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:05 |
| L35 | 8 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and ("data link layer" or "data link" or "layer 2") and (memory or "storage unit" or storage) and (tunnel or "logical tunnel") and "destination address" and "broadcast address" and ("Network layer" or "layer 3") and (@rlad<"20010614" or @prad<"20010614") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/12 15:05 |

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| L36 | 8 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and ("data link layer" or "data link" or "layer 2") and (memory or "storage unit" or storage) and (tunnel or "logical tunnel") and "destination address" and "broadcast address" and ("Network layer" or "layer 3") and (@rlad<""20010614"" or @prad<""20010614"") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:06 |
| L37 | 0 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and "unicast" and "relay unit" and "determination unit" and (CPU or "central processing unit" or "control processing unit") and (tunnel or "logical tunnel") and "destination address" and (@rlad<""20010614"" or @prad<""20010614"")                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:06 |
| L38 | 0 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and "unicast" and "relay unit" and "determination unit" and (CPU or "central processing unit" or "control processing unit") and (tunnel or "logical tunnel") and (@rlad<""20010614"" or @prad<""20010614"")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:06 |
| L39 | 0 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and "unicast" and "relay unit" and "determination unit" and (memory or storage or "storage control unit") and (tunnel or "logical tunnel") and (@rlad<""20010614"" or @prad<""20010614"")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:07 |
| L40 | 0 | L17 and (backbone or "backbone network" or "ISP" or "ISP NETWORK" or "public network") and "address conversion unit" and "determination unit" and "forwarding unit" and "distribution unit" and (@rlad<""20010614"" or @prad<""20010614"")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:07 |

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| S10<br>9 | 162 | (backbone or "backbone network") and "tunnel" and ("data link layer" or "data link" or "layer 2") and "destination address"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:01 |
| S11<br>0 | 43  | (backbone or "backbone network") and "tunnel" and ("data link layer" or "data link" or "layer 2") and "destination address" and (@rlad<"20010614" or @prad<"20010614")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:02 |
| S11<br>1 | 6   | (backbone or "backbone network") and "tunnel" and ("data link layer" or "data link" or "layer 2") and "destination address" and ((add\$3 or remov\$3) NEAR header) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:02 |
| S11<br>2 | 15  | (backbone or "backbone network" or "ISP" or "ISP NETWORK") and "tunnel" and ("data link layer" or "data link" or "layer 2") and "destination address" and ((add\$3 or remov\$3) NEAR header) and (@rlad<"20010614" or @prad<"20010614")  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:03 |
| S11<br>3 | 15  | (backbone or "backbone network" or "ISP" or "ISP NETWORK") and (tunnel or "logical tunnel") and ("data link layer" or "data link" or "layer 2") and "destination address" and ((add\$3 or remov\$3) NEAR header) and (@rlad<"20010614" or @prad<"20010614")                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:03 |
| S11<br>4 | 9   | (backbone or "backbone network" or "ISP" or "ISP NETWORK") and (tunnel or "logical tunnel") and ("data link layer" or "data link" or "layer 2") and "destination address" and ((add\$3 or remov\$3) NEAR header) and (relay or "relay destination") and (@rlad<"20010614" or @prad<"20010614") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:03 |



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| S11<br>5 | 10 | (backbone or "backbone network" or "ISP" or "ISP NETWORK") and (tunnel or "logical tunnel") and ("data link layer" or "data link" or "layer 2") and "destination address" and ((add\$3 or remov\$3 or strip\$4) NEAR header) and ('relay or "relay destination") and (@rlad<"20010614" or @prad<"20010614") | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/12 15:03 |
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